

## Reduced Air Emissions and Water Pollution Due to Recycling at the MRF 2004

AIR EMISSIONS		WATERBORNE WASTES	
aldehydes	4.7	acid	3.9
ammonia	0.1	ammonia	0.8
carbon dioxide	24,935.3	BOD	4.8
carbon monoxide	232.0	COD	13.2
chlorine	0.4	cyanide	0.0
hydrogen fluoride	1.6	dissolved solids	50.3
lead	0.1	fluorides	0.9
hydrogen chloride	0.0	iron	0.7
metals	3.4	metal ion	1.8
hydrocarbons	61.7	oil	0.4
methane	1,091.0	phenol	0.0
nitrogen oxides	92.8	sulfuric acid	0.0
other organics	8.6	suspended solids	22.2
particulates	102.3		
sulfur oxides	97.7		
<b>Total</b>	<b>26,631 Tons</b>		<b>99.1 Tons</b>

**Table 7. Number of Tress Saved From Paper Recycling**

Source: [http://www.conservatree.org/learn/Enviro\\_Issues/TreeStats.shtml](http://www.conservatree.org/learn/Enviro_Issues/TreeStats.shtml)

Tons of groundwood paper recycled	13,259	Includes newsprint and mixed paper
Number of Trees Saved	176,519.76	
Tons of freesheet paper recycled	172	Includes office paper and corrugated containers
Number of Trees Saved	4,117	
<b>Total Number of Trees Saved</b>	<b>163,221</b>	<b>At Waukesha MRF, 2004</b>